



COPY OF ~~FILED~~  
ORIGINAL FILED

Attorney's Docket # 09531-016001 / 97141

1653

PH#12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gary L. Nelsestuen

Art Unit : 1653

Serial No. : 09/497,591

Examiner : H. Schnizer

Filed : February 3, 2000

Title : MODIFIED VITAMIN K-DEPENDENT POLYPEPTIDES

RECEIVED

JUN 06 2002

TECH CENTER 1600/2900

Attention: Official Draftsman  
Commissioner for Patents  
Washington, DC 20231

TRANSMITTAL OF FORMAL DRAWINGS

Please substitute the enclosed sixteen (16) sheets of formal drawings for the corresponding drawings presently in the application.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

5/20/02

Monica McCormick Graham, Ph.D.  
Reg. No. 42,600

Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60086468.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

May 20, 2002

Signature

Kathryn J. Sanderson

Typed or Printed Name of Person Signing Certificate

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 1A

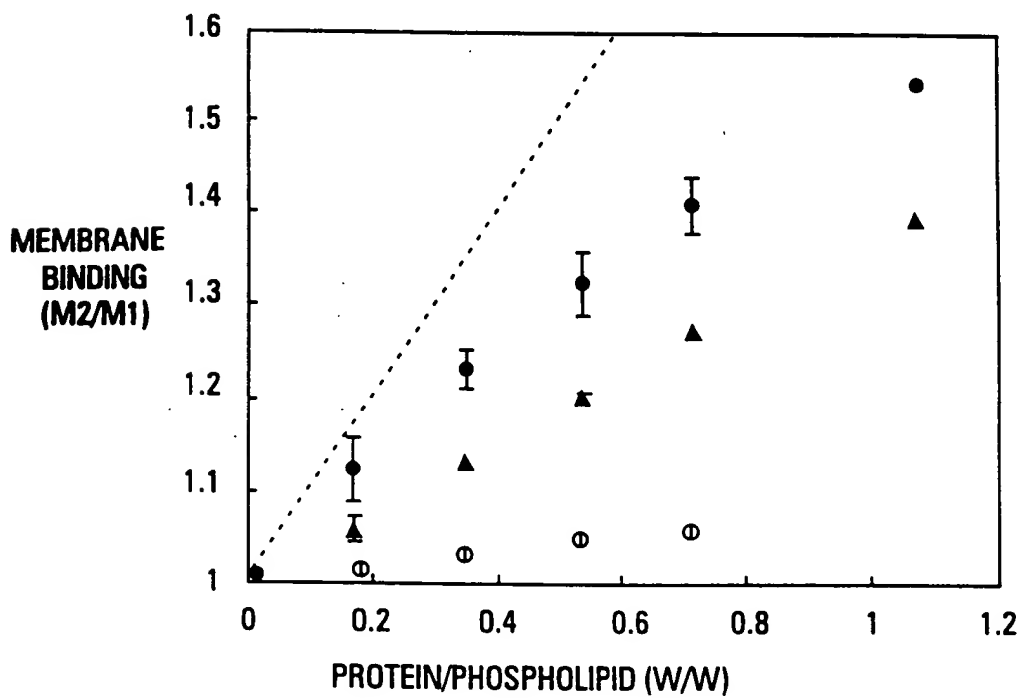
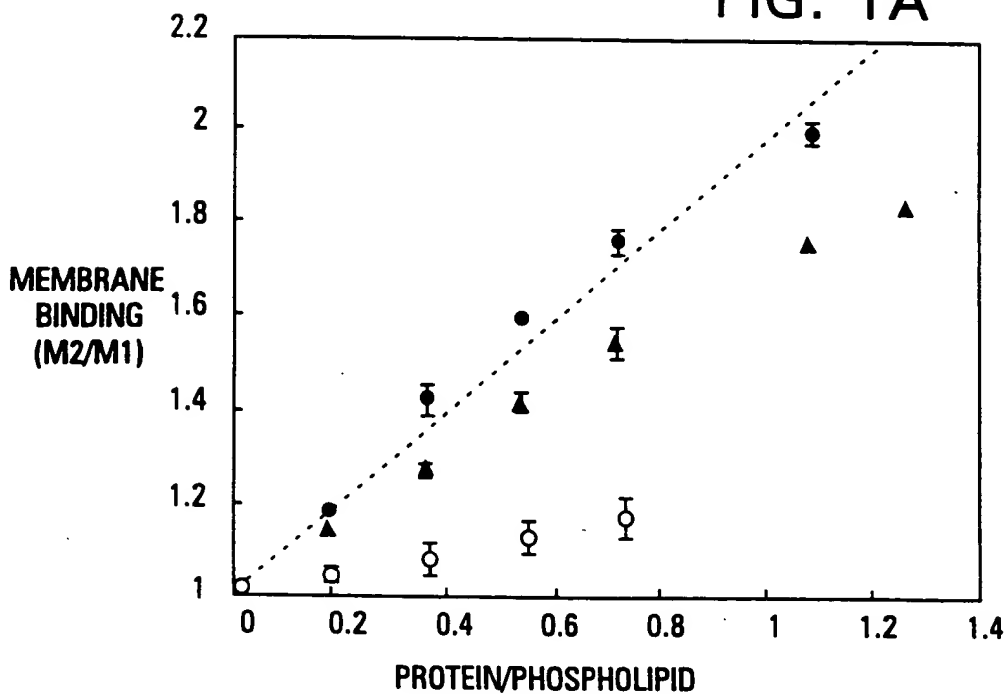
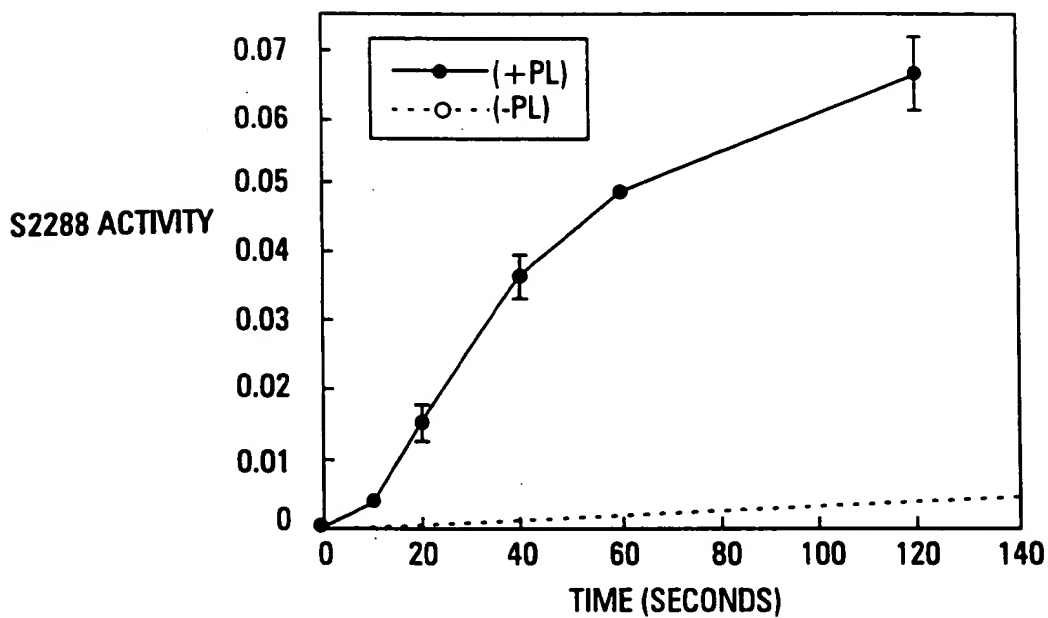


FIG. 1B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

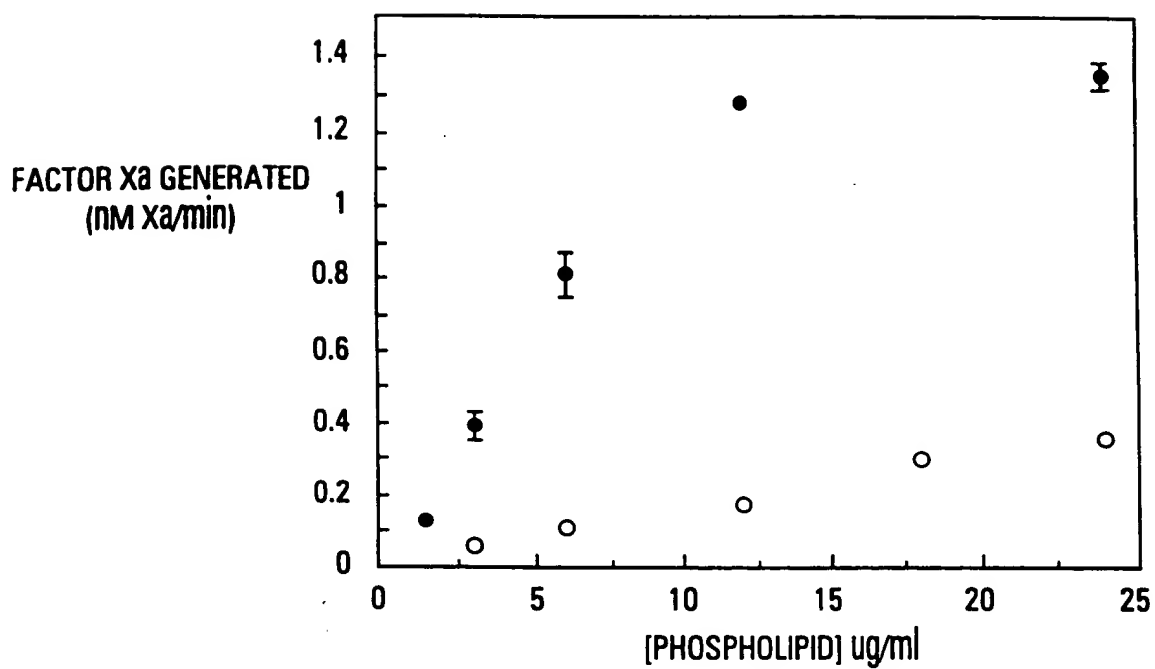
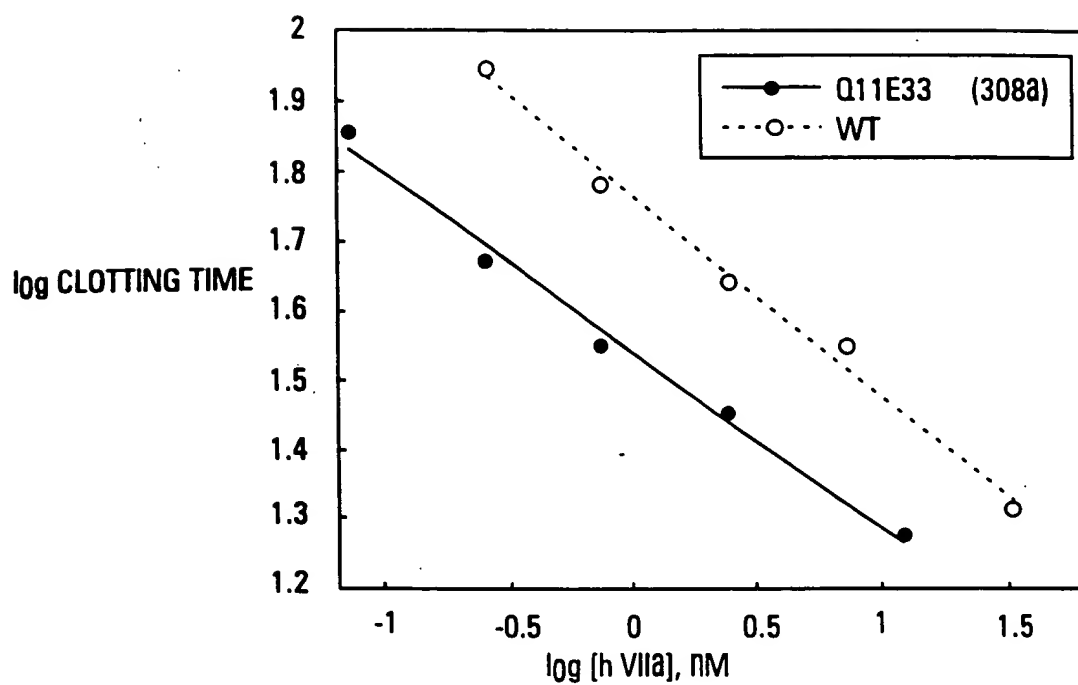


FIG. 3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 4



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Appln No.: 68/497,591  
Applicant(s): Mary L. Nelsestuen  
MODIFIED VITAMIN K-DEPENDENT POLYPEPTIDES

Page 5 of 16

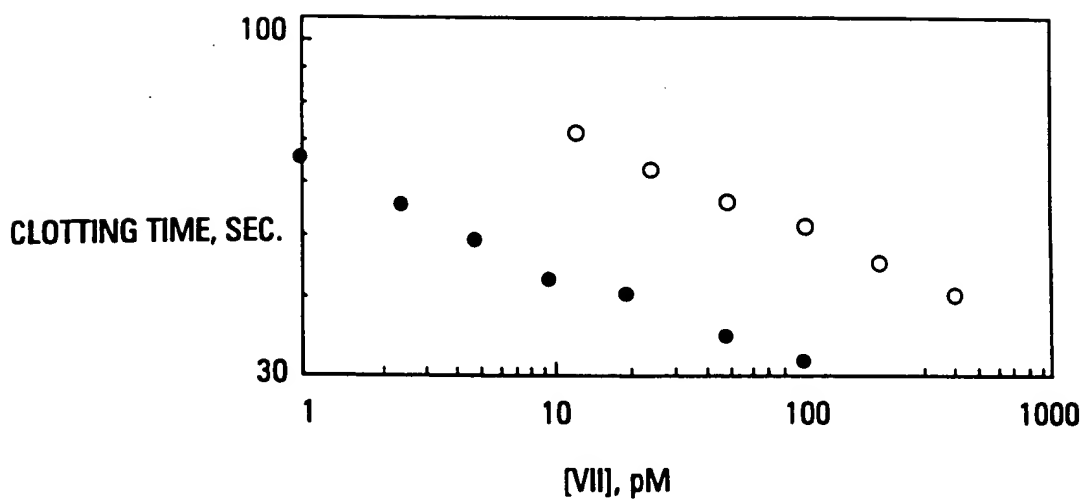


FIG. 5

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Appln No.: 09/497 591

Page 6 of 16

Applicant(s): Gary Nelsestuen

MODIFIED VITAMIN K-DEPENDENT POLYPEPTIDES

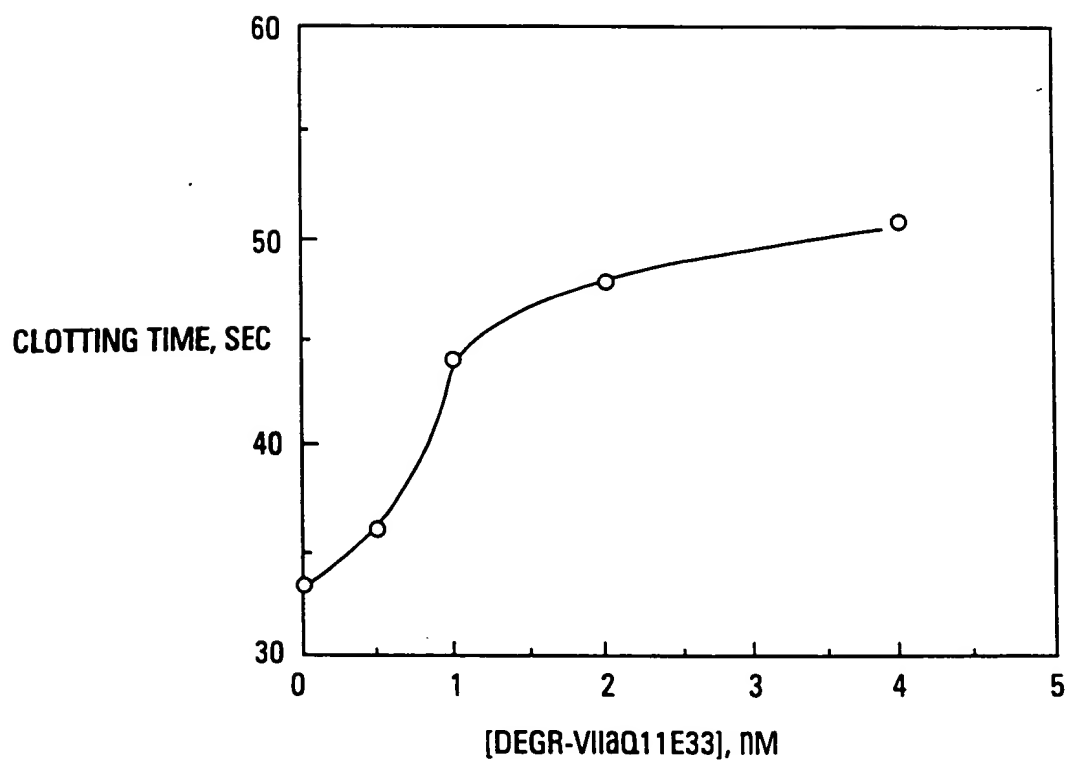


FIG. 6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

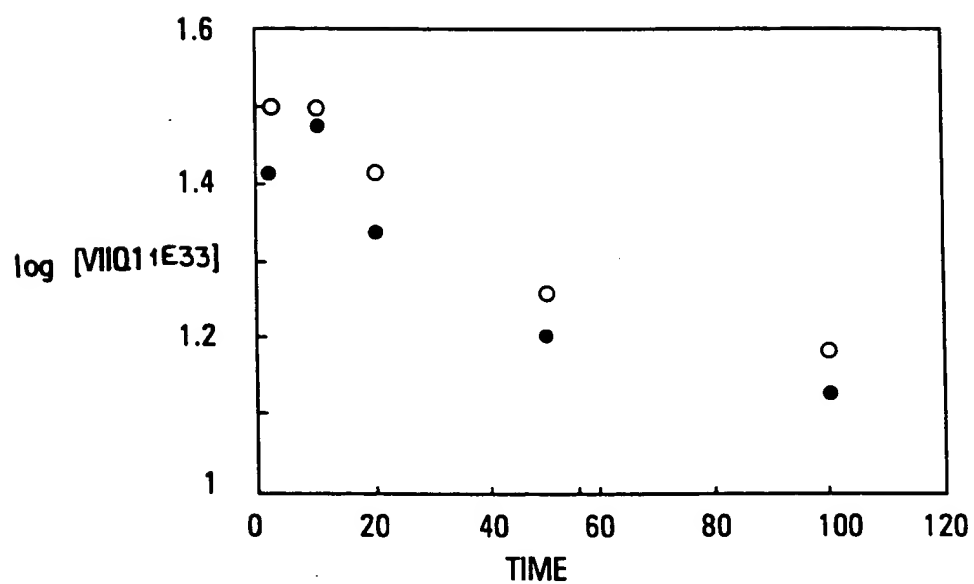


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 8A

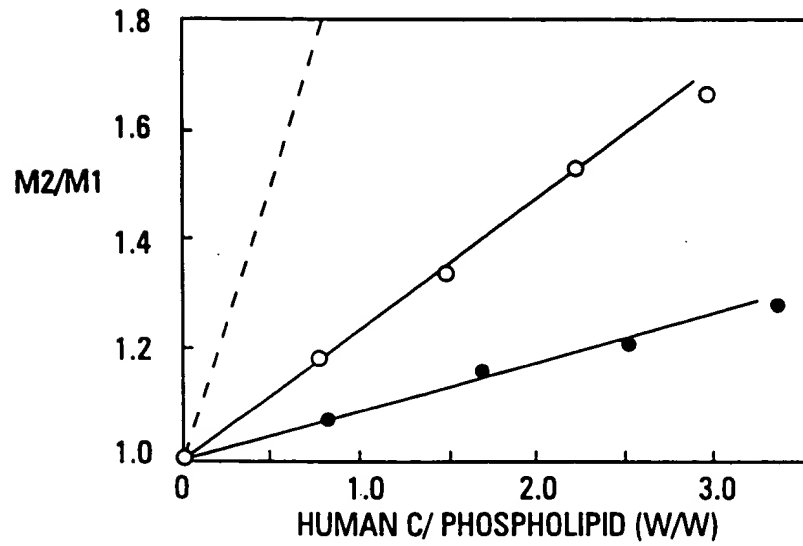
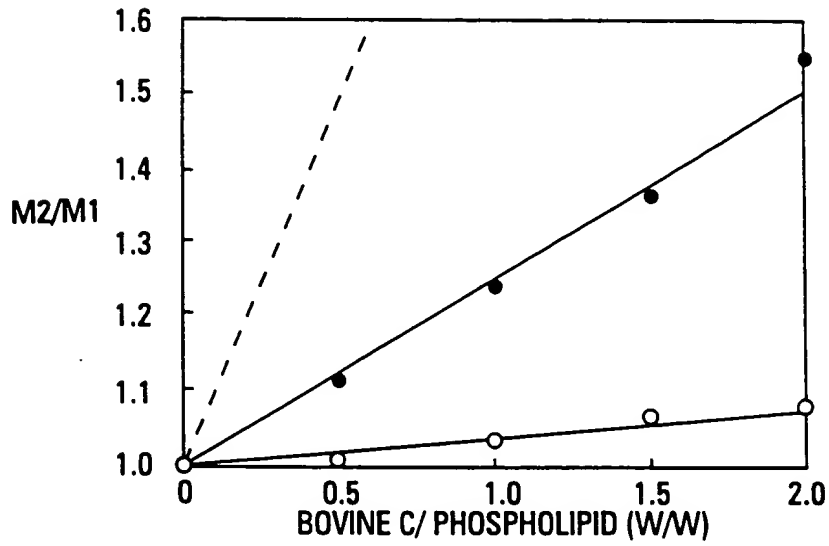
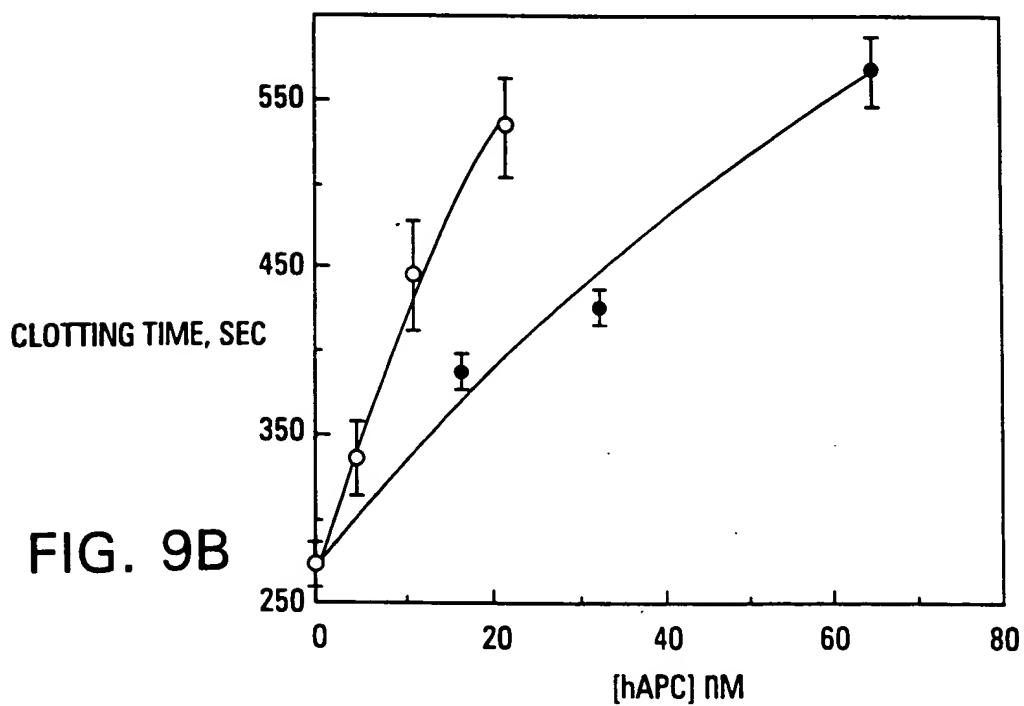
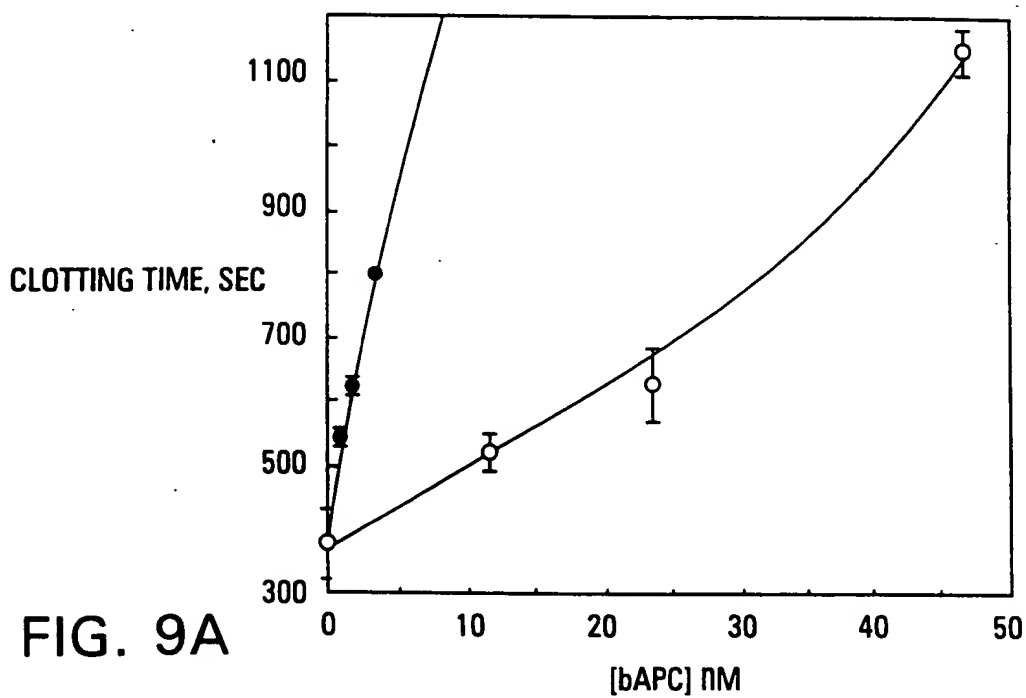


FIG. 8B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 10A

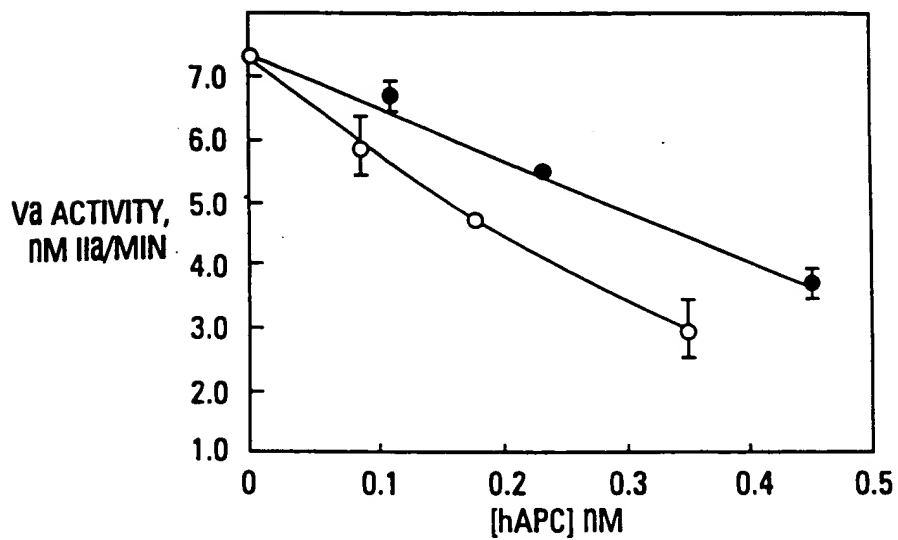
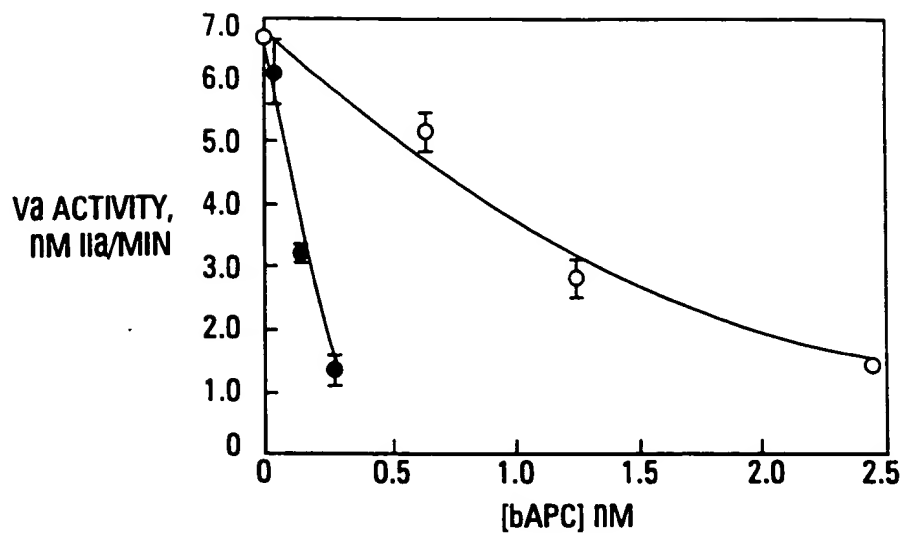
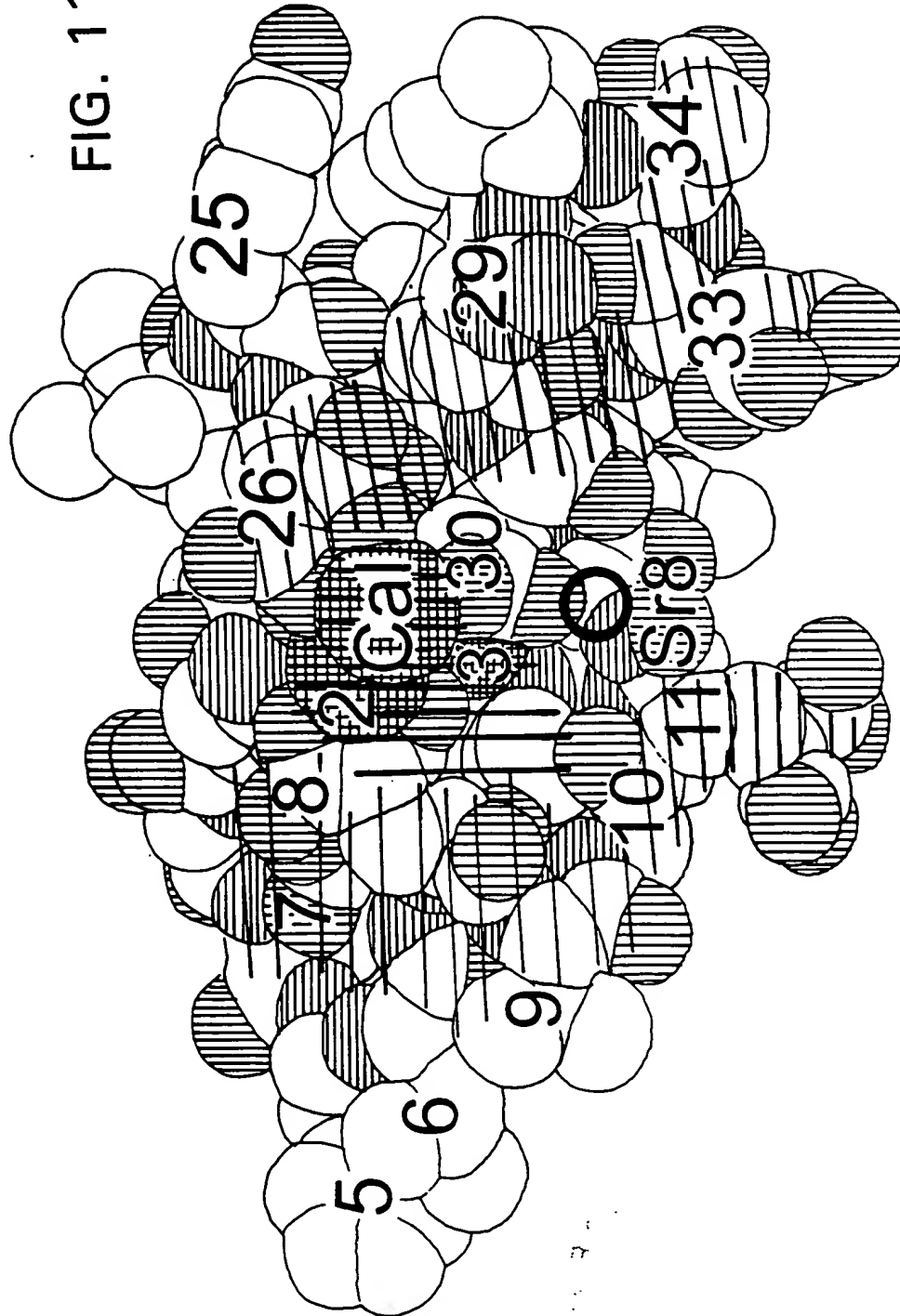


FIG. 10B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 11



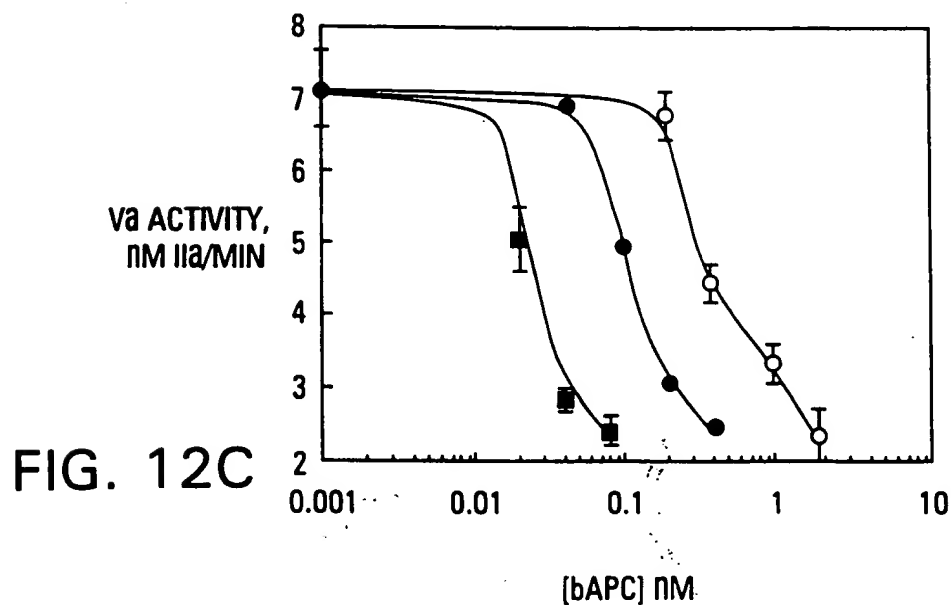
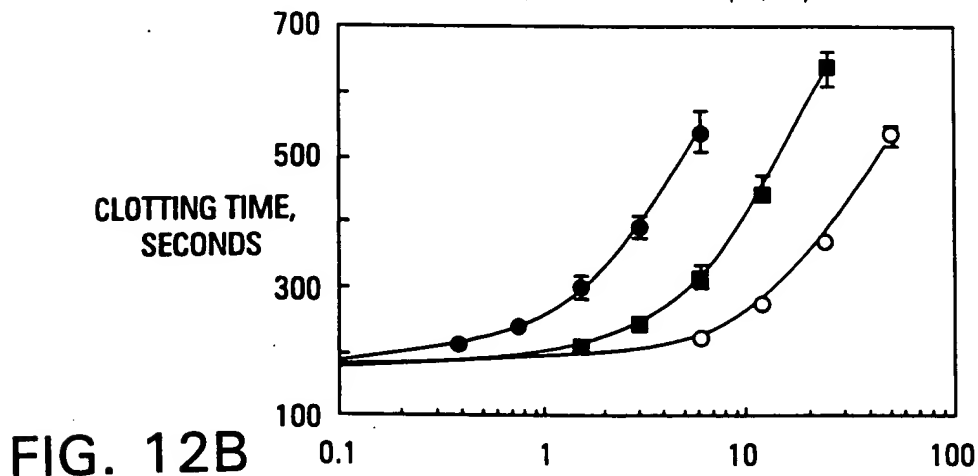
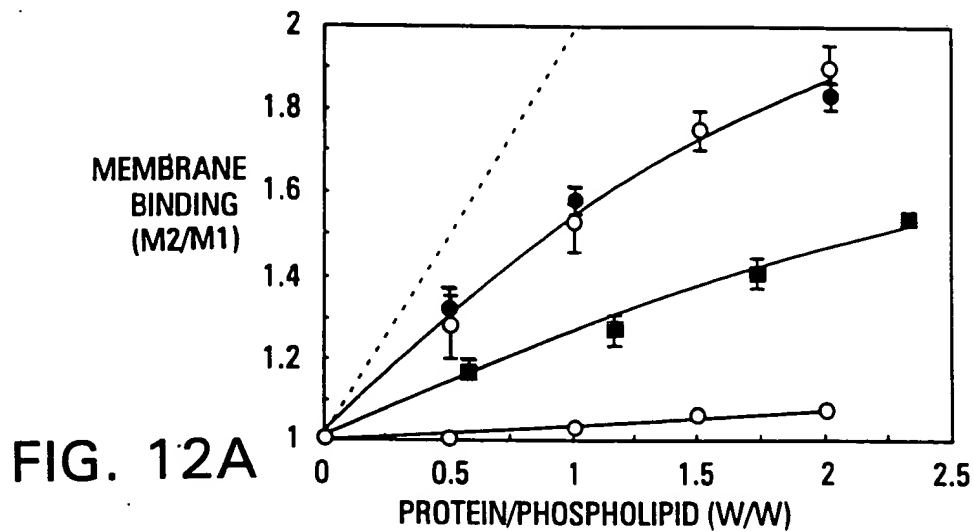


FIG. 13A

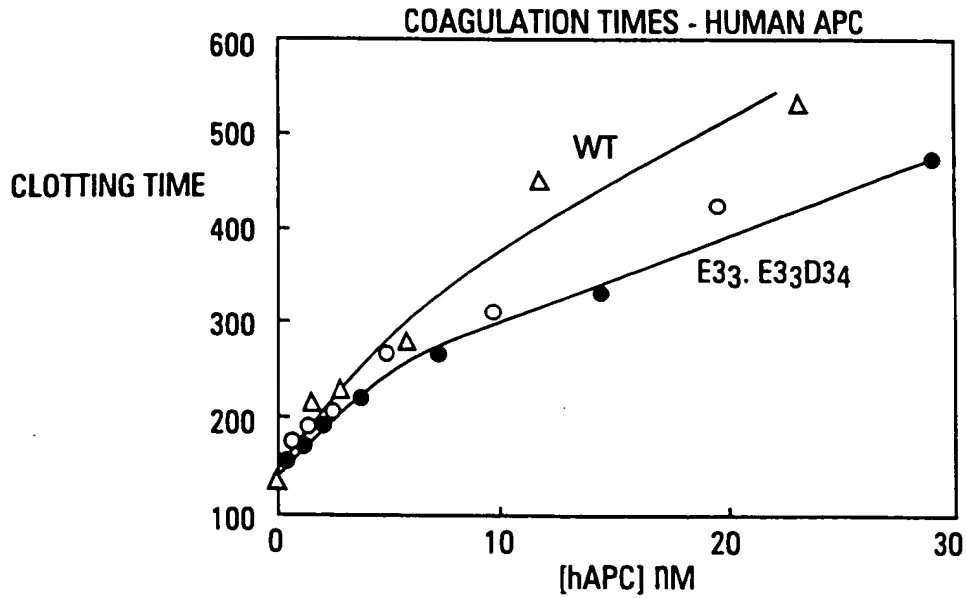
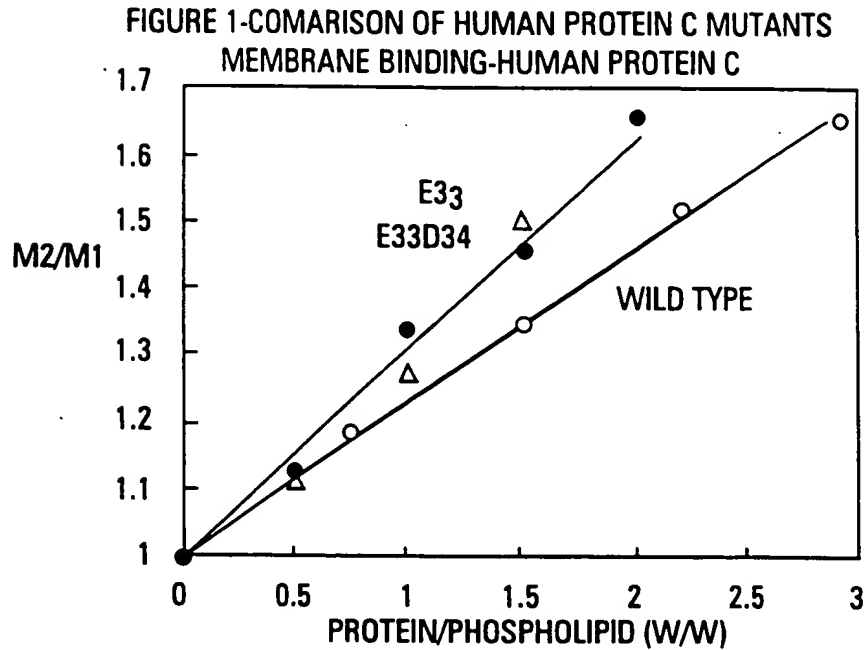
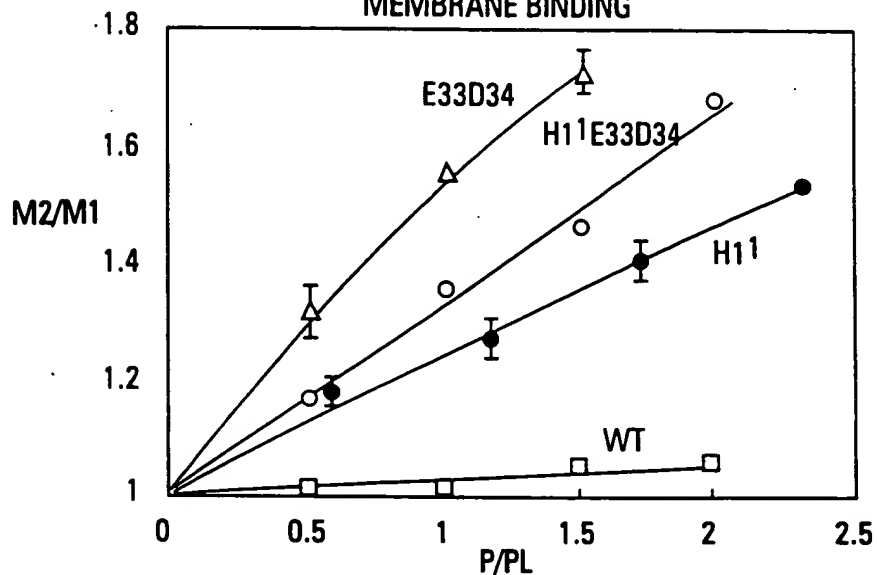


FIG. 13B

FIG. 14A

COMPARISON OF TRIPLE MUTANT OF BOVINE PROTEIN C  
 MEMBRANE BINDING



INHIBITION OF COAGULATION

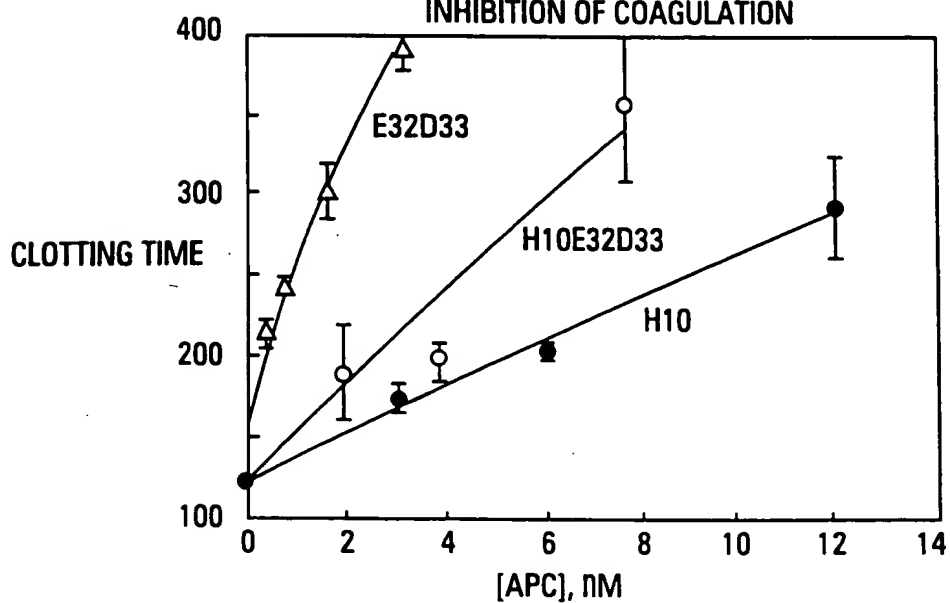


FIG. 14B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

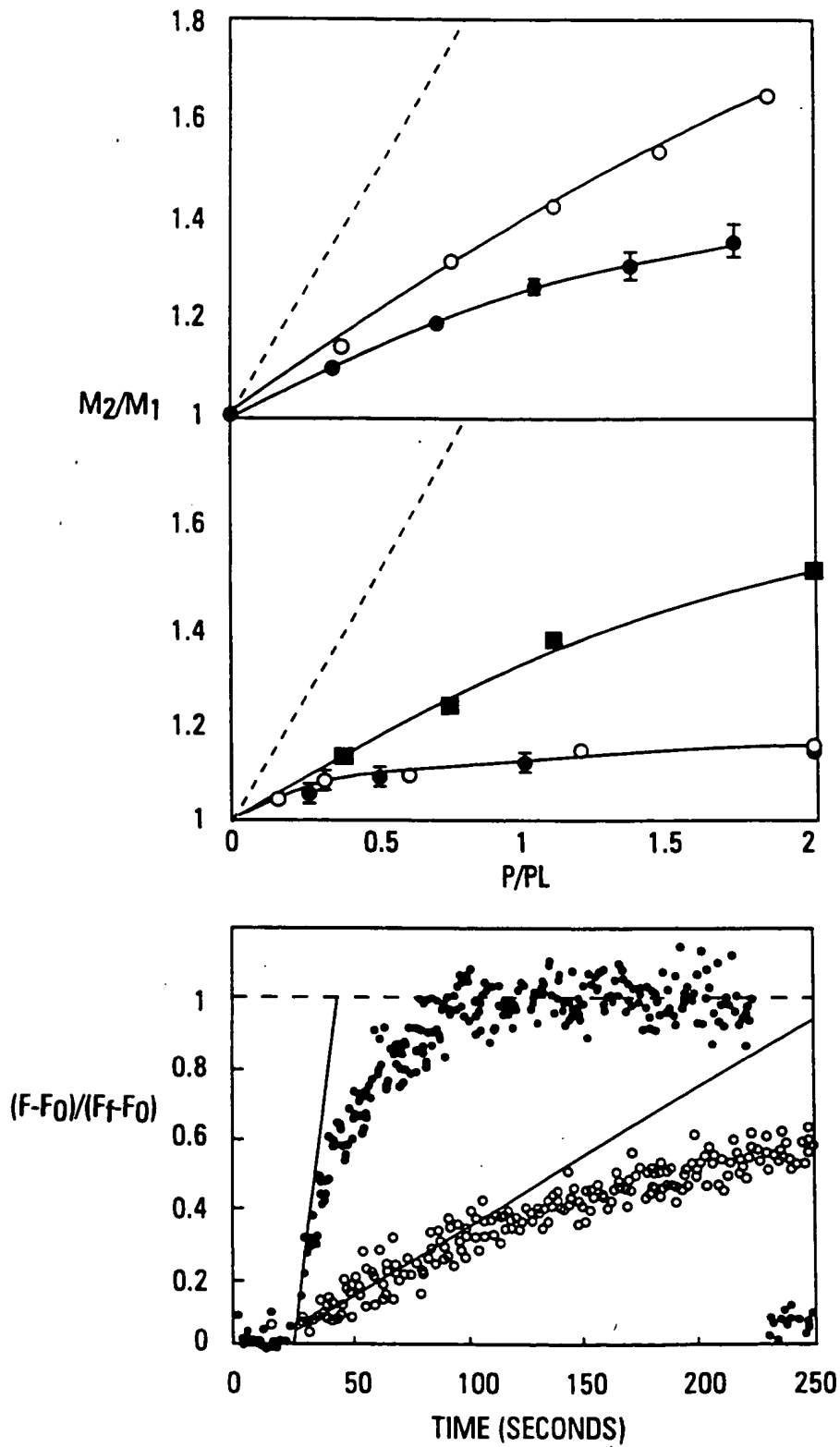


FIG. 15

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 16A

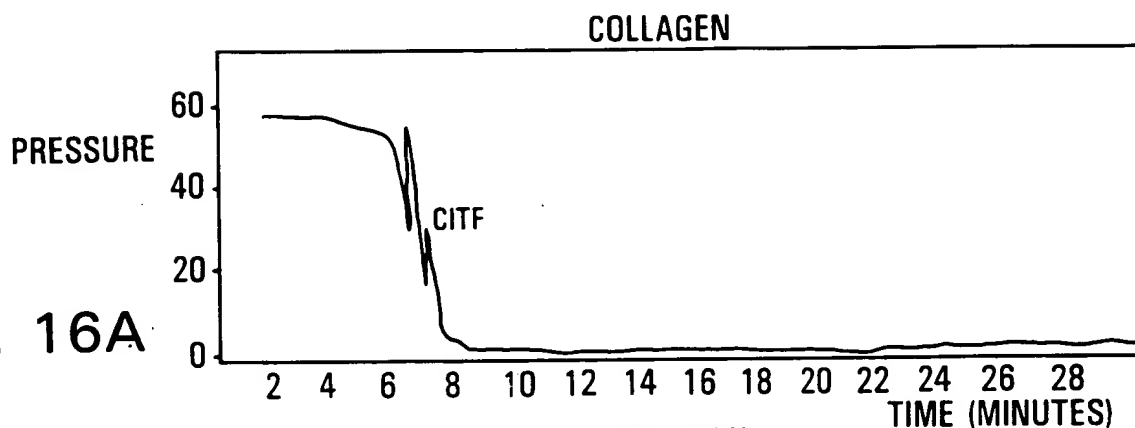


FIG. 16B

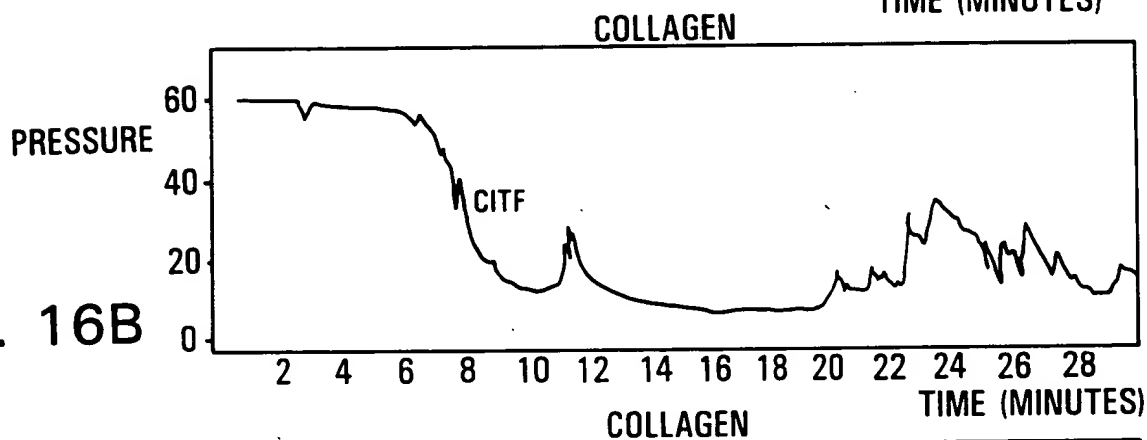


FIG. 16C

